



# आरत का राजपत्र

## The Gazette of India

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सं. 20]

मई विल्ली, शनिवार, मई 16, 1970 (वैसाख 26, 1892)

No. 20]

NEW DELHI, SATURDAY, MAY 16, 1970 (VAISAKHA 26, 1892)

इस भाग में भिन्न पृष्ठ संख्या वी आती है जिससे कि वह घलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation.)

## भाग III—खण्ड 2

## PART III—SECTION 2

पटेंट कार्यालय द्वारा जारी की गई पटेंट्स और डिजाइन्स से सम्बंधित प्रबिस्तृचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 16th May 1970

## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

25th April 1970

- 126354. Council of Scientific and Industrial Research. A process for obtaining useful steroids from a new plant source.
- 126355. H. S. R. Ram. Improvements in or relating to chairs. [Divisional date 11th August 1969].
- 126356. Director, Indian Grassland and Fodder Research Institute, Jhansi (U.P.). Seed metering device.
- 126357. Robert Bosch GMBH. Improvements in or relating to fuel-injection pumps.
- 126358. J. C. Giacosa and A. Hofman. Novel system for operation of a cistern and the like.
- 126359. M. S. Virjee. Improvement in and relating to catapults and the toys.
- 126360. M. S. Virjee. Improvement in and relating to sugar sprinkler and the like.
- 126361. M. S. Virjee. Improvement in and relating to filters, strainers and the like.
- 126362. M. S. Virjee. Improvement in and relating to soap dishes, soap pots, soap boxes and the like.
- 126363. M. S. Virjee. Improvements in and relating to spinning tops combined with self returning spinning disk or ring and flying saucer.
- 126364. M. S. Virjee. Improvement in and relating to table calendars and the like toys.
- 126365. R. Radhakrishnan. Solid state flow-net plotter.

126366. M. Lal. An auto vehicle radiator cap.

126367. Farbenfabriken Bayer Aktiengesellschaft. N-sulphenylated N-methylcarbamic acid aryl esters, processes for their manufacture and their biocidal use.

126368. The Babcock &amp; Wilcox Company. Improvements in and relating to heat exchange tube panels.

126369. Joseph Lucas (Industries) Limited. Lighting systems for road vehicles. (27th June 1969).

126370. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. (28th July 1969).

126371. Director General, Research Designs &amp; Standards Organization, (Ministry of Railways). An elastic fastening device. [Addition to No. 115529].

27th April 1970

126372. Chinoim Gyogyszer-Es Vegyeszeti Termek Gyara Rt. New sulfonamides and process for the preparation thereof.

126373. Mrs. Annamma Abraham. Improved Malayalam print type device for economising space and printing correct letters and words.

126374. S. C. Parikh. Modifications in or relating to the manufacture of activated carbons.

126375. S. C. Parikh. Semi-continuous two stage fluidized bed reactor to manufacture activated carbons.

126376. Houilleres Du Bassin Du Nord Et Du Pas-De-Calais. Multi-storey building comprising unit compartments.

126377. Joseph Lucas (Industries) Limited. Electrical systems for road vehicles. (28th July 1969).

126378. George Angus &amp; Company Limited. Improvements in and relating to shaft seals. (9th May 1969), [Addition to No. 111393].

126379. George Angus & Company Limited. Improvements in and relating to shaft seals. (9th May 1969). [Addition to No. 111394].

126380. Uss Engineers and Consultants, Inc. System for feedback control of mold level in a continuous casting process utilizing a pour box.

126381. E. R. Squibb & Sons, Inc.  $\alpha$ -amino-2, 4, 6-cyclohexatrienylmethylpenicillins.

126382. Libberty-Owens-Ford Company. Method and apparatus for cutting glass plates.

126383. V. K. Volchkov and V. S. Ryzhkov. Synchronous dynamo-electric machine.

126384. Gosudarstvenny Nauchno-Issledovatel'sky i Proektny Institut Neftyanogo Mashinostroenia "Giproneftemash". Tubular furnace for liquid or gaseous products.

126385. Gouri Nath Pal. Domestic mosquito fumigant.

126386. Ciba Limited. Carbamates and their use as pesticides.

126387. Ciba Limited. New phosphoric acid esters, their manufacture and use in pesticides.

126388. Ciba Limited. A process for controlling phytopathogenic fungi.

126389. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the preparation of amino ketones. [Addition to No. 123960].

126390. Farbwere~~ke~~Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the polymerization of olefins.

126391. Council of Scientific and Industrial Research. Extraction of tartaric acid from tamarind leaves.

126392. Council of Scientific and Industrial Research. Low cost paper houses.

28th April 1970

126393. Council of Scientific and Industrial Research. An improved method for the manufacture of calcium hypophosphite.

126394. Joseph Lucas (Industries) Limited. Warning circuits for road vehicles. (9th June 1969).

126395. Joseph Lucas (Industries) Limited. Warning circuits for road vehicles. (9th June 1969).

126396. Joseph Lucas (Industries) Limited. Warning circuits for road vehicles. (9th June 1969).

126396. Rhone-Poulenc S. A. Novel polysulphones their preparation and use.

126398. BP Chemicals Limited. Polyester compositions. (8th May 1969).

126399. Allplas A. G. Liquid storage system. (8th May 1969).

126400. Purolator, Inc. Dry-type air filter.

126401. Farbwere~~ke~~Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for dyeing mixtures of cellulose-and cellulose-24-acetate-fibers or of cellulose and cellulose triacetate fibers or of cellulose-and polyacrylonitrile fibers. [Addition to No. 1147471].

126403. Siemens Aktiengesellschaft. A solder for contacting a thermocouple limb with a contact member.

126404. Veb Druckmaschinenwerk Planeta. Improvements in or relating to a method and apparatus for adjusting an ink supply (3rd September 1969).

126405. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Basic  $\beta$ -thienyl derivatives process for their preparation and compositions containing same.

126406. S. D. Patel. An implement to automatically reverse the plough.

126407. Ciba Limited. Process for the recovery of hydrophilic antibiotics.

126408. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the preparation of amino ketones. [Addition to No. 123960].

126409. Farbwere~~ke~~Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions from polyesters.

126410. Vetrocote Cokapuania S.p.A., and G. Giannmarco. Improved method of purifying gaseous mixtures from acidic compounds.

126411. Boehringer Mannheim GMBH. Medicinal compositions with controlled resorption.

126412. Owens-Illinois, Inc. Integrated driving circuitry for gas discharge panel.

126413. Lovens Kemiske Fabrik Produktionsaktieselskab. Method for the production of new sulfamyl-anthranilic acids. (29th April 1969).

126414. Rotary Hoes Limited. Braking system for a towed vehicle. (10th May 1969).

126415. Rotary Hoes Limited. Chain Drive assembly. (10th May 1969).

126416. The Bunker-Ramo Corporation. Rigid electrical connector.

126417. Dow Badische Company. Interfacial surface generator.

126418. Sandoz Ltd. 4'-demethyl-epipodophyllotoxin- $\beta$ -D-ethylidene-glucoside. (27th November 1967). [Divisional date 25th November 1968].

126419. Ciba Limited. New-phenyl-carboxylic acid compounds.

29th April 1970

126420. Associated Lead Manufacturers Limited. Improvements in the treatment of fabrics. (7th May 1969).

126421. P. Vachani. An automatic bagging and weighing system.

126422. The Dunlop Company Limited. Improvements in or relating to tyre moulds.

126423. The Dunlop Company Limited. Piping.

126424. The Dunlop Company Limited. Testing reinforced articles. (9th May 1969).

126425. Sayaji Mills Ltd. Process for production of fungal diastase by submerged fermentation.

126426. Uss Engineers and Consultants, Inc. Method and apparatus for applying lubricant to a workpiece in a hot strip mill.

126427. Farbensabriken Bayer Aktiengesellschaft. Fungicidal agents.

126428. Fonderies Magotteaux S. A. Improvements in and balls and lining plates for crushing and grinding mills and/or other castings intended to withstand abrasion and repeated impact shock loads and the steels for their manufacture. [Addition to No. 113956].

126429. Ceskoslovenska Akademie Ved. Insect control agents.

126430. Sun Oil Company. Apparatus for recording pressure conditions in bore holes.

126431. S. S. J. Bahadur and Mrs. Hansa Bahadur. Novel packing material. [Addition to No. 115809].

126432. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the continuous transesterification of dicarboxylic acid alkyl esters with diols.

126433. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Tetra-hydropyranols.

126434. Alps Electric Co., Ltd. A push-button switch.

126435. Tigers Rubber Co., Ltd. Various-innerdiametered hose and method of and apparatus for continuously making the same.

126436. L. C. E. Milly. Hydropneumatic suspension device.

126437. Merck & Co., Inc. Novel aldehydes, ketones and acetals. [Divisional date 16th July 1968].

126438. Merck & Co., Inc. Novel aldehydes, ketones and acetals. [Divisional date 16th July 1968].

30th April 1970

126439. Council of Scientific and Industrial Research. Improvements in or relating to preparation of phosphor grade sulphide material useful for luminescent devices.

126440. R. R. Pardasani. Improvements in or relating to locks.

126441. P. Vachani. Improvements in or relating to plants/equipments for pulverising and grading/classifying solid materials.

126442. C. P. Mahalwala. An apparatus for fast and slow reproduction of speech.

126443. USM Corporation. Improvements in self-locking threaded element and method of making. [Addition to No. 113357].

126444. Stamicarbon N. V. Process and apparatus for separating liquids.

126445. E. R. Squibb & Sons, Inc.  $\alpha$ -amino-2, 4, 6-cycloheptatrienyl-methylcephalosporins.

126446. Universal Oil Products Company. Dehydrogenation process and catalyst.

126447. D. B. K. Mansell. Receptacle for rubber stamps.

126448. Mefina S. A. Sewing machine.

126449. Glaxo Laboratories Limited. Improvements in or relating to cephalosporin compounds. [Divisional date 28th August 1968].

126450. Uzina De Masini Agricole Semanatoarea. Laterally carried mowing machine.

126451. Springs Mills, Inc. Magnetic bobbin seater device for a spindle.

126452. Sandoz Ltd. Improvements in or relating to organic compounds. (2nd May 1969).

126453. Wiggins Teape Research & Development Limited. Method and apparatus for detecting holes in a moving web or sheet. (2nd May 1969).

126454. Fulmer Research Institute Limited. Improvements in or relating to alloys. (1st May 1969).

126455. The Bunker-Ramo Corporation. Improvements in electrical connectors. (19th May 1969).

1st May 1970

126456. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of ergotamine tartrate and other ergot alkaloids from the sclerotia of *claviceps purpurea* (ergot of rye).

126457. Sumitomo Chemical Co., Ltd. Novel n-phenylcarbamates derivatives and antimicrobial compositions containing the same.

126458. A. Shenoy. Improvement in or relating to microscopes.

126459. M. V. Mootherril. A process for the preparation of resilient substances from african mush (*salvinia auriculata*).

126460. B. K. R. R. Sharma. Anti-car-theft device.

126461. B. K. R. R. Sharma. Direct-trunk control device for pabx system (Pabx private-automatic branch control).

126462. B. K. R. R. Sharma. Automatic electric flush system.

126463. B. K. R. R. Sharma. Bell control and indicator system.

126464. B. K. R. R. Sharma. Solenoid relays.

126465. Joseph Lucas (Industries) Limited. Battery charging systems for road vehicles. (28th July 1969).

126466. Farbenfabriken Bayer Aktiengesellschaft. Insecticidal agents.

126467. Siemens Aktiengesellschaft. Improvements in or relating to frequency-controlled oscillator circuits. (28th February 1970).

126468. Siemens Aktiengesellschaft. Improvements in or relating to frequency-controlled oscillator circuits. (19th February 1970).

126469. Dr. Kurt Herberts & Co., vorm. Otto Louis Herberts. Process for the production of insulating coatings.

126470. Parkson Corporation. Concentration by continuous flash evaporation. (6th May 1969).

126471. Veb Fahlberg-List chemische und Pharmazeutische Fabriken. Device for the continuous production and separation of solids on the principle of carrier steam distillation.

126472. Ciba Limited. Pyridinesulfonic acids, process for their manufacture and compositions containing them.

126473. Dr. -Ing. Ludwig Muller. Improvements in devices for making holes to accommodate pile anchors or other anchoring devices in the ground.

126474. E. G. Rensch. Latticework for the erection of buildings.

#### Alteration of Date

119791. The claim to priority date 21st February 1968 has been abandoned and the application dated as 11th February 1969, the date of filing in India.

124264. Ante-dated to 14th August 1968 under Section 5 of the Act.

125239. Ante-dated to 24th September 1968 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

111464. Dr. Ing. Rolf Hein. A method of obtaining flour and/or starch from parts of plants. Accepted on 29th April 1970.

*Comprises reducing unpeeled parts of the plants to a particle size of 0.5–2 cms, coagulating to remove coagulable matter mechanically, drying, grinding, and sifting the particles rich in starch.*

116710. Hydro Chemical & Mineral Corp. Improved method of distilling sea water and distillation apparatus therefor. Accepted on 8th April 1970.

*Multi-stage distillation system for distilling of saline water characterised in that the evaporator and condenser of each stage are disposed at elevations increasing from the first to the last stage.*

116930. Celanese Corporation. A fibrillated conjugate extrude and process for producing the same. Accepted on 24th April 1970.

*At least one component of which is a foamed extrudate.*

117011. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi. Improvements in or relating to flame retardant polyesters. Accepted on 28th April 1970.  
*Comprising mixing a base polyester having double bonds at regular intervals and a vinyl monomer followed by, if desired curing of the base polyester and vinyl monomer by methods known per se.*

117022. N. V. Philips Gloeilampenfabrieken. Method of forming multiple images. Accepted on 24th April 1970.  
*Characterised in that a hologram of a point array corresponding to the desired spatial distribution is produced and is used as an image forming means and in the reconstruction of the point array from this hologram the usual point reference source is replaced by the object or a corresponding image.*

117025. Council of Scientific and Industrial Research. Coagulant aid %. Accepted on 29th April 1970.  
*Grinding dehusked seeds of tamarindus indica to a fine powder, preparing slurry and caustising it.*

117054. Foseco International Limited. Titanium oxides in electroslag processes. (29th September 1967). Accepted on 28th April 1970.  
*Process for the production of an electroslag starter tablet which comprises the steps of bonding to tablet from a mixture of oxygen-deficient titania and optionally at least one material selected from glass powder, iron powder and alkaline earth metal fluorides.*

117093. Gunter Neumann Terrasan-Erzeugnisse. Drainage system. Accepted on 22nd April 1970.  
*Comprising a drain pipe having openings and contained within a water permeable not resistant flexible jacket, the space between the jacket and the pipe being filled with a filler material.*

117097. Deuta-Werke (vorm. Deutsche Tachometerwerke) G.m.b.H. Electrical measuring instrument. Accepted on 30th April 1970.  
*Characterised in that the rotating axis of the moving coil coincides with the axis of the annular magnetic field of the magnet of the instrument.*

117286. F. Koehler. Improvements in or relating to a method of making a bar having inclined ribs for reinforcing concrete and to a bar made according to the method. Accepted on 29th April 1970.  
*Wherein the bar having at least two longitudinal ribs and also short ribs or lugs is cold-twisted in a direction tending to decrease the inclination of the short ribs to the bar axis.*

117455. Tenneco Chemicals, Inc. Production of substituted N, N'-bis (acetyl)-O-phenylene diamines and pesticidal compositions containing same. Accepted on 29th April 1970.  
*Reacting O-phenylene diamine with acetylchloride, acetyl anhydride or a haloacetic anhydride, a pesticidal composition containing the reaction product.*

117488. Fried Krupp Gesellschaft Mit Beschränkter Haftung. Long-distance belt conveyor. Accepted on 22nd April 1970.  
*Comprising troughing idlers given a minimum spacing of  $a=2.8-0.4$  In B side rollers.*

117564. Triplex Safety Glass Company Limited. Improvements in or relating to the manufacture of bent glass. (5th September 1967). Accepted on 29th April 1970.  
*Wherein the complementary bending surfaces (1, 2) being at substantially the bending temperature of the glass so that the occurrence of a heat exchange during bending is minimised.*

117663. Amicon Corporation. High flow membrane. Accepted on 1st May 1970.  
*By forming a film from a casting dope of a polymer in an organic solvent, preferentially contacting one sides of said film with a diluent.*

117688. Keystone Limited. Improvements in or relating to apparatus for producing tufted material. (20th September 1967). Accepted on 23rd April 1970.  
*Characterised in that there are provided continuously rotatable severing devices arranged to sever the yarn in each loop to form two separate strands.*

117821. Imperial Chemical Industries Limited. Production of aromatic polyesters. (29th September 1967). Accepted on 24th April 1970.  
*Comprising using trivalent antimony compounds as catalysts and carrying out the final stage with 0.01 to 11% of an ethylene glycol ester of a diol.*

117930. Allied Chemical Corporation. Process for the preparation of 4, 4'-methylene bis (cyclohexylisocyanate) and polyurethanes prepared therefrom. Accepted on 27th April 1970.  
*Methylene bis (cyclohexylamine) composition which has an isomer distribution such that upon phosgenation gives 4, 4'-methylene bis cyclohexylisocyanate) is phosgenated.*

117935. Union Carbide Corporation. Vanadium and nitrogen-containing addition agent. Accepted on 27th April 1970.  
*Comprising providing a mixture of finely divided vanadium oxide and carbon heating the mixture in a moving and continuously changing atmosphere of nitrogen at a temperature and for a time sufficient to cause substantially complete reduction of vanadium oxide.*

117721. Joseph Adriaan Johannes Marie Duijndam. Cylindrical cold-twisted bar for reinforcing concrete. Accepted on 17th March 1970.  
*Characterised in that each inclined rib extends over substantially half of the circumference of the bar.*

117973. E. N. Contractor. A device for discharging a controlled quantity of water, from a reservoir. Accepted on 25th April 1970.  
*Comprising an air-trap, an inlet pipe and an outlet pipe over lapping each other inside the air-trape, a dome covering the upper end of the inlet pipe, suction pipes at the periphery of the dome and a pipe connecting the dome to release and to create pressure inside the entrance to air trap.*

118009. American Flange & Manufacturing Co., Inc. Plastic closures for containers and combinations. Accepted on 27th April 1970.  
*Comprising a synthetic plastic annular nozzle member with container wall engaging means, closure cap engaging means.*

118015. T. P. Purkayastha. Improvements in or relating to insulated adhesive tapes. Accepted on 30th April 1970.  
*Adhesive tape comprising a woven fabric which has (i) a top coating of rubber composition (ii) a bituminous coating on the said top coating (iii) a bottom coating of rubber composition (iv) an adhesive coating on the bottom coating.*

118147. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (18th October 1967). Accepted on 17th April 1970.  
*Comprising a recess, tread rubber, tread wear marker, material indicating a degree of tread wear.*

118165. N. V. Philips Gloeilampenfabrieken. A binary semiconductor compound, a method of crystallizing the same on a substrate and a semiconductor device containing them. Accepted on 18th April 1970.

Characterizes in that a small quantity of at least one element of the same group of the periodic system as the solvent but having a larger, atomic radius than the solvent is added to the solution of the binary semiconductor compound in one of its components.

118233. Orissa Cement Limited. Improved refractory articles. Accepted on 23rd April 1970.

Characterised in that the grinding of the particles of the ingredients should be carried out to such a degree of fineness that the particles size of composition before moulding should not exceed 2 mm and that a maximum of 5% by weight and preferably 2% by weight of the particles may have a particle size more than 2 mm but not greater than 3 mm.

118240. Babcock & Wilcox Limited. Improvements in or relating to pulverizing mill; [Addition to No. 110453]. Accepted on 23rd April 1970.

Comprising means forming an external chamber enclosing the escape door and having a clearance door giving access to the chamber, means interconnecting the doors so that each can be opened only if the other is closed and means whereby material in the receptacle may be caused to pass into the chamber when the escape door is open.

118260. Lansing Begnall Limited. Improvements in or relating to industrial lift trucks. (26th October 1967). Accepted on 24th April 1970.

Comprising over load guard, first part, pillars, second part, vertical support.

118302. Klockner-Humboldt-Deutz, Aktiengesellschaft. Corona discharge wire fastening (26th July 1968). Accepted on 26th April 1970.

Comprising discharge wire connected to carrier spar by clamping or welding with sheet metal sleeve.

118306. Colgate-Palmolive Company. Detergent bars. Accepted on 24th April 1970.

Comprising a puffed water soluble hydratable salt and a bar forming detergent.

118309. Libberty-Owens-Ford Company. Bending mold. Accepted on 28th April 1970.

Comprising shaping element, metal surface, convex of refractory insulating material, refractory coating.

118334. Hepworth & Grandage Limited. Centrifugal casting. (30th October 1967). Accepted on 29th April 1970.

Including a plurality of dies, a die carrier, means to rotate a die when located as the casting station, the axis of a die, when carded by the carrier at the casting station, being displaced from the axis of rotation of the die rotating means, and means to eject a solidified casting from a die.

118368. N. V. Philips Gloeilampenfabrieken. Device comprising a transistor amplifier having an input amplifying stage and an output amplifying stage. Accepted on 29th April 1970.

Comprising current coupling circuit, series resistors, output transformer another circuit, amplifying circuit, step up transformer.

118389. Agfa-Gevaert Aktiengesellschaft. A process for the production of dispersions of photo sensitive silver salts that are sparingly soluble in water. Accepted on 27th April 1970.

Precipitating in a small chamber in which aqueous solutions of water soluble silver salts with water-soluble metal salts are mixed so intensively that concentration of at least one of precipitate forming components remains constant, and immediately transferring dispersion formed to a ripening chamber whereby dispersion is recycled to precipitation chamber.

118413. P. B. Fonden and K. O. T. Walander. Runaway-preventing device for aeroplanes. Accepted on 30th April 1970.

Comprising two horizontal wires, vertical ropes, plumb ropes, shorter ropes breaking the longer contribute to arrest aeroplane.

118414. P. B. Fonden and K. O. T. Walander. Device for braking a landing aircraft. Accepted on 30th April 1970.

Comprising arresting device, brake connected to releasable coupling, to wave damper.

118415. K. O. T. Walander. Arresting device for aircraft. Accepted on 30th April 1970.

Comprising two lower lines and two upper lines, vertical lines being divided so far harness unit.

118437. Alcan Research and Development Limited. Aluminium-zinc-magnesium alloys. Accepted on 28th April 1970.

An aluminium base alloy comprising zinc 3.6-5.0%, magnesium 0.5 to 3.0%, manganese 0.2 to 0.7%, zirconium 0.1% to 0.25%, iron not more than 0.4%, silicon not more than 0.25%, others not more than 0.05% each and not more than 0.15% total,

118463. Aktiebolaget Kamyr. Cellulose bleach tower with means for spreading a bleaching agent therein. Accepted on 29th April 1970.

Characterised in that a tubular rotating shaft is provided with scrapers adapted for moving pulp inwardly towards the axis of the tower as well as outwardly towards its shell.

118480. M. V. Shiddhaye, and S. M. Shiddhaye. A combined pastry cutter and peeler as kitchen gadget. Accepted on 23rd April 1970.

The spoon like appliance is provided with serrated edge at one side, other side being sharp and straight, a pointed tip, a longitudinal stepped central slot and at the other end a circular cutting wheel.

118558. W. Heubl. Structural elements for toys, which are built up from a number of such structural elements. Accepted on 24th April 1970.

In which the connecting elements consist of a plurality of pin-like prongs which are arranged in longitudinal and transverse rows, in the manner of the bristles of a brush, on the core element, all the connecting elements being spaced from one another by a constant distance.

118565. Farbenfabriken Bayer Aktiengesellschaft. Thermoplastic composition containing an insecticide. Accepted on 25th April 1970.

Comprising a cellulose acetate, a phthalic acid alkyl ester plasticiser and dimethyl-2, 2-dichloro-vinyl phosphate.

118569. Council of Scientific and Industrial Research. Improvements in or relating to the production of microcrystalline cellulose. Accepted on 28th April 1970.

Depolymerizing cellulosic pulp with acid treatment, mechanical stirring of the product to dislodge the unhinged crystals, and drying it characterised in that high alpha bamboo pulp or high alpha reed pulp is used as the cellulosic pulp.

118637. The Birmingham Small Arms Company Limited. Improvement in or relating to sampling devices for granular materials. (28th November 1967). Accepted on 27th April 1970.

*Comprising a bucket for cutting or collecting the sample mounted on an arm supported above a moving conveyor belt from which the sample is to be taken and adapted to be moved longitudinally or transversely and means to bring up the speed of the longitudinal bucket movement to that of the conveyor belt before transverse movement is effected for collecting the sample.*

118652. S. S. Pandya. A consumption indicator for use with liquid gas cylinders for indicating the instantaneous weight of the cylinder with its contents. Accepted on 25th April 1970.

*Comprising a hydraulic cylinder and a piston working therein a piston rod, a pan and an indicating means.*

118653. S. S. Pandya. Consumption indicators for use with liquid gas cylinders. Accepted on 25th April 1970.

*Comprising a base an upright standing on the base, at least one lever fulcruming, a counter weight and an alarm bell.*

118654. S. S. Pandya. Consumption indicator for use with liquid gas cylinders. Accepted on 25th April 1970.

*Comprising a base, one or more springs, a pan and a painter.*

118729. The Dunlop Company Limited. Improvements in or relating to the manufacture of pneumatic tyres. (1st December 1967). Accepted on 25th April 1970.

*Comprising applying to a tyre building drum a filler of bias laid rubberised metal cords and a ply of rubberised metal cords and a ply of rubberised metal cords disposed at substantially 90° to the mid-circumferential plane of the drum.*

119028. Stamicarbon N. V. Process for the preparation of salts of hydroxylamine and a catalyst for use therein. Accepted on 27th April 1970.

*Preparing salts of hydroxylamine by reducing nitric acid with hydrogen in an acid medium with the aid of a catalyst containing at least one metal from the platinum group characterised in that the reduction is effected in the presence of one or more of the elements from the groups, 1b, 2b, 3a, 4a, or 5a of the periodic system.*

119051. Eaton Axles Limited. Synchroniser device for change speed gearing. Accepted on 29th April 1970.

*A pair of coaxial annular member, rotatably mounted in relation to axially fixed clutch member, said annular members having internal teeth through which the teeth on said axially movable clutch member can pass, first resilient means secured to said annular members and second resilient means connected to one of said annular members and frictionally engaging said fixed clutch member.*

119329. Sandoz Ltd. Monoazo compounds, process for their production and fibres and textiles dyed and printed therewith. Accepted on 25th April 1970.

*Diazotizing an amine and coupling the resulting diazonium compound with an anilide.*

119374. General Electric Company. Curable polymer compositions and process for preparing same. Accepted on 27th April 1970.

*Comprising by weight 100 parts of vinyl polymer and 0.1 to 50 parts of reaction product of unsaturated monocarboxylic acid and epoxy resin.*

119566. Bengal Scientific & Technical Works (P.) Ltd. Non-pressure kerosene fired incandescent mantle lantern. Accepted on 25th April 1970.

*Wherein the womb of the burner is provided with a central tube jacketed by an outer tube of larger diameter having an aperture communicating with a similar aperture provided in the central tube.*

119605. P. H. Kudianawala. A toilet room fixture. Accepted on 25th April 1970.

*Comprising a micro-motor with a resilient pedestal and a protective fuse, a centrifugal blow having its fan mounted on an extension of the shaft of the motor and its discharge and extended and connected to the nozzle, a heater element inside a cylindrical pipe at said discharge end, and a time switch connecting the mains to the circuit comprising the motor and the heater element.*

119610. V. K. Bhatt. Improvements in or relating to the production of fibre laps in textile mills. Accepted on 28th April 1970.

*Stopping the calender rollers automatically and instantaneously to a stand still by incorporating a device on the machine.*

119712. Creative Engineering Limited. Extensible structural members. (6th February 1968). Accepted on 27th April 1970.

*Two strands, each consisting of a number of rigid links comprising a web portion and a flange portion, the links of each strand being arranged side by side with their web portions flexibly connected to one another.*

119791. Carding Specialists (Canada) Limited. Improvements in or relating to carding engines. Accepted on 25th April 1970.

*Characterised in that the bearing blocks for the axle ends of the main cylinder are mounted on the frame of the carding engine and permits swivelling movement thereof said axle ends being carried non-swivelably by said bearing blocks, and the bends of the carding engine is rigidly secured to said bearing blocks.*

119815. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of urea derivatives. Accepted on 29th April 1970.

*Reacting corresponding halogeno alkoxy aryl isocyanates or halogeno alkoxyaryl carbamic acid chlorides with alkyl or dialkyamines.*

120036. Libbey-Owens-Ford Company. Edge grinding machine. Accepted on 29th April 1970.

*Having means for pivotably mounting the support member to swing about an axis parallel to the axis of rotation of grinding wheels, which axis being located between the grinding units and forwardly of the support member.*

120037. Purolator, Inc. A coalescer for separating a minor phase liquid from a mixture of minor and major phase liquid such as in fuels for engines and method of making the same. Accepted on 24th April 1970.

*Comprising a first porous coalescing section of material which is wettable by minor phase liquid and adapted to effect a major portion of the coalescing of minor phase liquid and a second section arranged downstream thereof formed of material part of which is wettable by minor phase liquid and part of which is wettable by major phase liquid*

120281. K. S. G. Doss. Improvements in or relating to fluorescent lamps. Accepted on 28th April 1970.

*Characterised in that an ultraviolet rays reflector inside the lamp covers a part of it so as to reflect the rays onto a fluorescent coating.*

120534. Farbenfabriken Bayer Aktiengesellschaft. Production of organic sulfides and thioethers and in containing same. Accepted

*Process for the production of isocyanodiphenyl ethers or thioethers in which a formamide is reacted in presence of a base, with acyl chloride, preferably phosgene, at temperatures between 20°—100°C, preferably from 0° to 50°C.*

120800. Chinese Petroleum Corporation. Production of high protein compositions. Accepted on 25th April 1970.  
*Comprises submerged culturing the microorganism ATCC 21174 in a nutrient medium of water and sources of carbon nitrogen and trace elements.*

120818. K. D. G. Instruments Limited. Improvements in and relating to winding apparatus. (11th April 1968). Accepted on 28th April 1970.  
*The guide slot is formed between the complementarily formed spaced adjacent edges of two coaxial hollow cylinders of the same external diameter and mounted for rotational movement together about the common axis.*

120938. J. L. Bedi. Protective coating composition. Accepted on 28th April 1970.  
*Comprising plastic moulding powder such as polystyrene, benzene or xylol and turpentine oil.*

121293. Combustion Engineering, Inc. Method for forming openings in tubular furnace walls. Accepted on 28th April 1970.  
*Removing segments of the weld portions interconnecting the tubes between which opening is to be formed, and forcing a means between said tubes so as to bend and stretch said tubes out of the plane.*

121294. Combustion Engineering, Inc. Apparatus for forming openings in tubular welded wall panels. Accepted on 28th April 1970.  
*Means for removing the portions of the weld connections connecting the tubes through which the opening is to be formed an adjustable guide arrangement, means for orienting said guide arrangement with respect of the tubes and actuating means for forming said opening.*

121533. Libbey—Owens—Ford Company. Edge grinding apparatus. Accepted on 25th April 1970.  
*Characterised by an auxiliary guiding unit adjacent the main unit and including an auxiliary grinding wheel, an auxiliary template, a template follower roll and means for moving the auxiliary unit into and out of engagement with the work-piece.*

121547. Farbwerke Hoechst Aktiengesellschaft Vormal Meister Lucius & Bruning. Process for the preparation of copper phthalocyanine. Accepted on 25th April 1970.  
*Phthalodinitrile and copper (I) chloride are reacted in the presence of urea.*

121653. M. Camporese and A. Levi. Automatic button fastening device. (3rd December 1968). Accepted on 29th April 1970.  
*Comprises a male snap connector including a lock stud, and a perforating needle integral with said lock stud, a female receptacle consisting of dead hole located on the rear face of the button and having at least one radial insertion slot.*

121829. M. Pratap. Improvements relating to hand compression sprayer. Accepted on 24th April 1970.  
*Wherein a small part of pump barrel remains inside the container to permit opening of an air valve and the barrel and container are securely joined by a hand guard.*

121942. Farbwerke Hoechst Aktiengesellschaft vormal Meister Lucius & Bruning. Process for the manufacture of condensed aluminium phosphates. Accepted on 29th April 1970.  
*Reacting a water soluble alkali metal polyphosphate condensed in the form of a chain or a cycle and having a degree of condensation within the range of from 2 to 10, with a soluble aluminium salt in water, and subjecting the condensed aluminium phosphate so obtained to heat treatment the range of 300—600°C.*

121991. Universal Oil Products Company. A process for separating at least one C<sub>8</sub> aromatic isomer from a feed stock containing a mixture of C<sub>8</sub> aromatic isomers. Accepted on 27th April 1970.  
*Process for separating at least one C<sub>8</sub> aromatic isomer from a feed stock containing mixtures of C<sub>8</sub> aromatic isomers which comprises (a) contacting the said feed with a solid adsorbent which selectively removes it from the feed and (b) recovering the adsorbed component from the adsorbent through a desorption step.*

122057. Farbwerke Hoechst Aktiengesellschaft vormal Meister Lucius & Bruning. Pesticides. Accepted on 29th April 1970.  
*Comprising 1, 2, 3, 4, 7, 7-hexachlorobicyclo[2.2.1]heptene-(2)-bis [hydroxymethylene-(5,6)]-sulfite in admixture with 1-phenyl -3-(O, O-diethylthiono-phosphoryl) 1, 2, 4-triazol.*

122314. The Fertilizer Corporation of India Ltd. A process for colouring and coating of granulated or prilled fertilizers containing N or NP or NPK. Accepted on 25th April 1970.  
*Comprises applying the mineral in powder form of about 250 mesh to the outer surface of the fertilizer in thin layers to provide desired coating properties and colour, the quantity of mineral used being 0.5 to 1% by weight, the depth of colour being higher with more quantity of the mineral used.*

122341. E. Hafner. Reinforced plastics spool. (23rd May 1969). Accepted on 25th April 1970.  
*Comprises a pair of flange discs of plastic material a spool core and a reinforcing metal insert, each of the metal inserts having a plurality of apertures through which plastics material from the respective flange disc extends.*

122383. Fichtel & Sachs AG. Shock absorber for independent front wheel suspension. Accepted on 27th April 1970.  
*A cylinder element, a piston member axially movable in the cavity enclosed by said cylinder, abutment means limiting the movement of said piston, a piston member rod fastened to said piston member, a spacer means for limiting radial deflection of said piston rod.*

122597. H. Alberts. A slide fastener. Accepted on 28th April 1970.  
*Of thermoplastic or congeneric material comprising two courses or sequences of hooking elements having in their middle part a cavity provided with a chamfered hole for stitching and at the two sides of the cavity there are in each middle part two parallel piped projections, the interconnection of each hook element and also their equal distance being maintained by filing of the same material of which the hook elements are made.*

122741. Bethlehem Steel Corporation. Non-ferrous metal coated products and method of production thereof. [Addition to No. 102046]. Accepted on 29th April 1970.  
*Coating consisting of from 25% to 70% aluminum, not more than 0.2% lead and the balance zinc.*

124264. F. L. Smith & Co., A/S. Improvements to conveying and distributing device. (30th October 1967). [Addition to No. 117277]. [Divisional date 14th August 1968]. Accepted on 27th April 1970.

*The valve at each discharge opening of the rotating pipe is arranged to be controlled by a level sensing device in the corresponding discharge hopper.*

175239. Imperial Chemical Industries Limited. Process for the production of a highly polymeric polyester and the products so obtained. [Divisional date 24th September 1968]. Accepted on 24th April 1970.

*Comprising polymerising in presence of trivalent antimony catalyst and the final stage with 0.01 to 15% based on the molar concentration of a bis ethylene glycol ester of a diol.*

#### Opposition Proceedings

(1)

The opposition entered by Swastik Textile Engineers to the grant of a patent on application No. 80905, made by Mohanlal Khemchand Panchal & Others, as notified in Part III, Section 2 of the Gazette of India, dated the 12th December 1964, has been partly allowed. A patent will be sealed on the application subject to amendment of the specification.

(2)

The opposition entered by Toyo Koatsu Industries Incorporated to the grant of a patent on application No. 99704 made by Stamicarbon N. V. as notified in Part III, Section 2 of the Gazette of India, dated the 10th June 1967 has been disallowed.

#### Correction of Clerical Errors

Under Section 62 of the Indian Patents and Designs Act, 1911 certain clerical errors occurring in the specification of patent No. 114988 were corrected on 27th April 1970.

#### Patents Sealed

77235. 111140. 113104. 113222. 113325. 113326. 113366. 113396. 113402. 113411. 113417. 113468. 113496. 113505. 113507. 113539. 113557. 113579. 113591. 113742. 113757. 113772. 113861. 113924. 113976. 113980. 114002. 114101. 114104. 114133. 114159. 114209. 114241. 114244. 114292. 114293. 114299. 114346. 114348. 114388. 114406. 114505. 114565. 114724. 114793. 114867. 114926. 114951. 114963. 114972. 115023. 115027. 115112. 115139. 115142. 115171. 115195. 115240. 115257. 115308. 115342. 115357. 115484. 115556. 115576. 115577. 115670. 115761. 115929. 115930. 116299. 116334. 116378. 116695. 116880. 116894. 117187. 117879. 118014. 118177. 118251. 118593. 118839. 119271. 119690. 119894. 120290. 120428. 120843.

#### Amendment Proceedings

(1)

The amendments proposed by Samuel Vincent Cravens in respect of patent application No. 108200 as advertised in Part III, Section 2 of the Gazette of India, dated the 17th January 1970 have been allowed.

(2)

The amendments proposed by Porous Plastics Limited in respect of Patent application No. 109586 as advertised in Part III, Section 2 of the Gazette of India, dated the 10th January 1970 have been allowed.

(3)

The amendment proposed by Samuel Vincent Cravens in respect of patent application No. 114268 as advertised in Part III, Section 2 dated the 17th January 1970 have been allowed.

(4)

The amendments proposed by Pirelli Societa Per Azioni in respect of patent application No. 114793 as advertised in Part III, Section 2 of the Gazette of India dated the 17th January 1970 have been allowed.

(5)

The amendments proposed by Chemnor Aktiengesellschaft in respect of patent application No. 123485 as advertised in Part III Section 2 dated the 17th January 1970 have been allowed.

#### Registration of Assignments Licences, etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—  
59595. Basf India Limited.

#### Renewal Fees Paid

54394. 54422. 54563. 54571. 54572. 54675. 54767. 54798. 54847. 55795. 57219. 57231. 57264. 57284. 57285. 57352. 57410. 57463. 57464. 57465. 57586. 57587. 57641. 57642. 57657. 57664. 57698. 57721. 57931. 60309. 60396. 60415. 60473. 60474. 60656. 61417. 63880. 63921. 63928. 63949. 63971. 63993. 64026. 64071. 64151. 64156. 64206. 64311. 64338. 64350. 64623. 64654. 64739. 66657. 67522. 67570. 67594. 67607. 67612. 67614. 67627. 67643. 67668. 67704. 67723. 67768. 67775. 67827. 67993. 68031. 68075. 68594. 68600. 68918. 71266. 71426. 71638. 71649. 71650. 71657. 71661. 71683. 71692. 71698. 71711. 71713. 71741. 71750. 71751. 71792. 71800. 71809. 71909. 71911. 71940. 71941. 71959. 72010. 72011. 72328. 72398. 72423. 72739. 72864. 73461. 73930. 76295. 76405. 76518. 76540. 76566. 76582. 76590. 76623. 76650. 76683. 76691. 76705. 76709. 76745. 76833. 76896. 76941. 77235. 77256. 77268. 77333. 79340. 79643. 81710. 82010. 82011. 82029. 82046. 82059. 82060. 82072. 82095. 82101. 82107. 82108. 82134. 82139. 82176. 82191. 82200. 82201. 82236. 82245. 82251. 82252. 82256. 82261. 82270. 82296. 82299. 82336. 82390. 82395. 82508. 82510. 82517. 82521. 82765. 82959. 82960. 82985. 82986. 82988. 83274. 83275. 83276. 83400. 83738. 84311. 86496. 87579. 87688. 87715. 87736. 87737. 87745. 87772. 87773. 87776. 87778. 87814. 87824. 87841. 87842. 87843. 87862. 87952. 87954. 87982. 87998. 88014. 88050. 88068. 88069. 88070. 88145. 88187. 88224. 88318. 88374. 88436. 88486. 88487. 88488. 88489. 88490. 88491. 88492. 88493. 88926. 88976. 90029. 92236. 92661. 92723. 93429. 93440. 93571. 93577. 93587. 93623. 93624. 93637. 93638. 93650. 93653. 93664. 93665. 93676. 93680. 93706. 93708. 93709. 93733. 93734. 93747. 93749. 93776. 93784. 93788. 93794. 93800. 93809. 93811. 93837. 93860. 93861. 93862. 93890. 93909. 93919. 93943. 93959. 93961. 93962. 94004. 94005. 94016. 94048. 94325. 94326. 94333. 94334. 94647. 94757. 94868. 94869. 96907. 97105. 97597. 99139. 99140. 99141. 99306. 99318. 99319. 99354. 99367. 99368. 99370. 99372. 99375. 99380. 99397. 99398. 99403. 99404. 99410. 99411. 99412. 99419. 99446. 99452. 99454. 99491. 99503. 99510. 99511. 99529. 99531. 99536. 99581. 99591. 99597. 99602. 99651. 99652. 99655. 99689. 99710. 99722. 99742. 99743. 99746. 99763. 99774. 100106. 100307. 100337. 100675. 100863. 101035. 101322. 101332. 103579. 104772. 104773. 104782. 105035. 105098. 105112. 105113. 105116. 105141. 105143. 105144. 105150. 105153. 105158. 105159. 105175. 105176. 105177. 105186. 105206. 105224. 105235. 105239. 105278.

105323. 105338. 105339. 105348. 105354. 105358. 105365.  
 105384. 105385. 105393. 105404. 105425. 105429. 105430.  
 105434. 105435. 105497. 105508. 105642. 105679. 105718.  
 105786. 105818. 105822. 105921. 105972. 105982. 105983.  
 105987. 106197. 106394. 106939. 107490. 107915. 109449.  
 109915. 110426. 110488. 110492. 110609. 110678. 110662.  
 110734. 111055. 113029.

#### Restoration Proceedings

An order has been made on the 7th April 1970, restoring the patent No. 93125, dated as of the 3rd April 1964 granted to Ponnuswamy Sanjeeve for "improved roller for grinding mixing paints and the like in grinding mills".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The date shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 137123. Standard Engineering Company, an Indian partnership firm, Patel Palia, Cotalawadi, Katargam, Surat, Gujarat State, India. "A Stove". February 13, 1970.

Class 1. No. 137093. Ramakant Sharma son of Dr. Jamuna Prashad Sidh Proprietor Hathras Girah Udhayog, Ramila Gate, P.O. Hathras City, District (Aligarh) U.P., Nationality—Indian, "The lock", February 6, 1970.

Class 3. No. 137053. N. V. Philips' Gloeilampenfabrieken, a joint stock company incorporated under the laws of the Kingdom of The Netherlands, Manufacturers, of Emmasingel 29, Eindhoven, The Netherlands, "A Table Fan", November 3, 1969. (Australia).

Class 10. No. 137016. Bien Plastics an Indian partnership firm of Hamam House, Hamain Street, City of Bombay, State of Maharashtra, India, "Footwear". January 7, 1970.

*Copyright Extended for A Second Period of five years*

125083. 125538 . . . . . Class 1.

119919, 125301 . . . . . Class 3.

127627 . . . . . Class 10.

124424 . . . . . Class 12.

*Copyright Extended for A Third period of five years*

98767. 99317. 103815. 104924. 107004 . . . . . Class 1.

S. VEDARAMAN,  
Controller General of Patents, Designs  
and Trade Marks.

